EXPRESS MAIL NUMBER: <u>EL 451 599 006 US</u>

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Zagoskin	) Art Unit: 2814
	)
	) Examiner:
	) Douglas A. Wille
Serial No. 09/452,749	)
Filed: December 1, 1999	) Attorney Docket:
	) 11090-003-999
	)
For: Permanent Readout Superconducting Qubit	) December 3, 2002
	)

TRANSMITTAL OF AMENDMENT

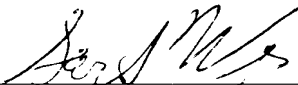Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

An Amendment in response to the office action mailed on September 3, 2002 is enclosed.

Please send all future correspondence for this application to:

PENNIE & EDMONDS LLP
3300 Hillview Avenue
Palo Alto, CA 94304.

The Commissioner is hereby authorized to charge all fees that may be required, to Deposit Account No. 16-1150 (Order No. 011090-003-999). A copy of this page is enclosed.

PENNIE & EDMONDS LLP

By: _____
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<u>AMENDMENT</u>

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

The enclosed Amendment is in response to the September 3, 2002 Office Action for the above-identified patent application.

<u>IN THE CLAIMS:</u>

A marked up version of revised claim 64, showing insertions and deletions, is included as Appendix A. A clean version of the claims that will be pending upon entry of the present amendment is included as Appendix B.

Rewrite claim 64 as follows:

64. (Amended) A quantum register comprising:

 a bank of a superconducting material;

 a plurality of mesoscopic islands of superconducting material;

  a plurality of clean Josephson junctions, wherein each Josephson junction:

  is between the bank and a corresponding one of the islands ; and